

# ABSTRACT

Metal oxide-containing dispersions and methods of producing the same are provided. Generally, dispersions according to the invention comprise respective quantities of surfactant, metal oxide, and carrier. Methods according to the invention generally comprise providing a  
5 quantity of metal oxide particles of having a desired size suitable for being dispersed in a carrier with the aid of a surfactant. If necessary, the metal oxide particles may be mixed with the carrier and then undergo a pulverization step whereby the average particle size is reduced to the desired level, or the metal oxide particles may be pulverized prior to addition of the carrier. Dispersions made in accordance with the present invention generally exhibit excellent stability in that the  
10 metal oxide particles remain suspended in the dispersion for at least about one month.